

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants : DUYCK et al.

Appl. No. : To be assigned Examiner: To be assigned

Filed : Art Unit: To be assigned

For : DIPHENYLAMINE ALKYLATED WITH OLEFIN  
MIXTURES CONTAINING FRACTIONS WITH VARYING  
DEGREES OF ACTIVITY

Attorney Docket No.: 0175-PA

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Listed on the accompanying Form PTO-1449 are documents that may be considered material to the examination of this application and are submitted in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97, and 1.98. A copy of the foreign art is enclosed.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue.

The applicants reserve the right to establish the patentability of the claimed invention over any of the information provided by this statement, to prove that the enclosed information is not prior art, and/or to prove that this information is not enabling for the teachings purportedly offered.

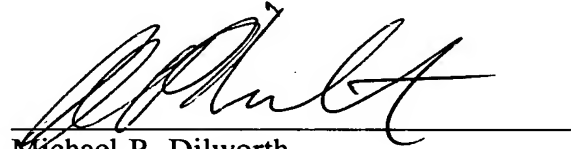
Information Disclosure Statement  
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This statement should not be construed as a representation that an exhaustive search has been made or that there does not exist information more material to the examination of the present patent application. The Examiner is specifically requested not to rely solely on the material submitted with this statement.

The applicants request that the examiner initial and return a copy of the enclosed Form PTO-1449 and indicate in the official file history of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 23-2656.

31 March 2004  
Date

  
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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT				ATTY. DOCKET NO. 0175-PA		APPLICATION NO. To be assigned	
				APPLICANTS DUYCK et al.			
				FILING DATE		GROUP To be assigned	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA1	2,943,112	June 28, 1960	Popoff et al.	260	576	Nov. 6, 1957
	AB1	3,452,056	June 24, 1969	Sundholm	260	390	Apr. 7, 1966
		3,496,230	Feb. 17, 1970	Kaplan	260	576	Feb. 17, 1966
		4,824,601	Apr. 25, 1989	Franklin	252	401	Jan. 11, 1988
		5,498,809	Mar. 12, 1996	Emert et al.	585	13	May 22, 1995
		5,672,752	Sep. 30, 1997	Lai et al.	564	409	Sep. 13, 1995
		5,750,787	May 12, 1998	Lai et al.	564	409	May 30, 1996
		6,204,412	Mar. 20, 2001	Lai	564	409	Apr. 16, 1999
		6,315,925	Nov. 13, 2001	Aebli et al.	252	401	Feb. 14, 2000
	AC1	6,355,839	Mar. 12, 2002	Onopchenko	564	409	Aug. 31, 2001

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL1						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	1	

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	